Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140867.D
Acq On : 16 Dec 2024 18:26
Operator : RC/JU
Sample : PB165479BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165479BS

Quant Time: Dec 17 00:03:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	68083	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	254612	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	145533	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	280715	20.000	ng	0.00
76) Chrysene-d12	14.022	240	199131	20.000	ng	-0.01
86) Perylene-d12	15.504	264	173133	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	398277	96.300	ng	0.01
7) Phenol-d6	6.498	99	505259	92.236	ng	0.00
23) Nitrobenzene-d5	7.416	82	492959	96.866	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	162146	94.203	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	997094	94.195	ng	0.00
79) Terphenyl-d14	12.957	244	1191545	94.355	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	72393	40.638	ng	99
3) Pyridine	3.505	79	179905	43.607	ng	98
4) n-Nitrosodimethylamine	3.463	42	105089	50.529	ng	98
6) Aniline	6.516	93	183007	39.073	ng	89
8) 2-Chlorophenol	6.640	128	223754	49.612	ng	98
9) Benzaldehyde	6.404	77	58061	19.129	ng	97
10) Phenol	6.510	94	277673	48.908	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	209228	49.416	ng	99
12) 1,3-Dichlorobenzene	6.787	146	239625	46.627	ng	99
13) 1,4-Dichlorobenzene	6.863	146	241971	46.385	ng	99
14) 1,2-Dichlorobenzene	7.016	146	227129	46.146	ng	98
15) Benzyl Alcohol	6.998	79	204958	52.329	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	246230	49.367	ng	85
17) 2-Methylphenol	7.116	107	177038	49.167	ng	97
18) Hexachloroethane	7.351	117	89672	46.175	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	162081	49.326	ng	99
20) 3+4-Methylphenols	7.269	107	235014	49.220	ng	94
22) Acetophenone	7.263	105	314177	49.327	ng	98
24) Nitrobenzene	7.434	77	245009	46.994	ng	100
25) Isophorone	7.675	82	430396	50.474	ng	99
26) 2-Nitrophenol	7.751	139	118309	49.271	ng	98
27) 2,4-Dimethylphenol	7.787	122	166942	59.532	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	259615	48.747	ng	99
29) 2,4-Dichlorophenol	7.998	162	189211	48.872	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	201718	45.451	ng	99
31) Naphthalene	8.151	128	658553	47.086	ng	99
32) Benzoic acid	7.945	122	116554	43.825	ng	100
33) 4-Chloroaniline	8.204	127	102486	22.063	ng	99
34) Hexachlorobutadiene	8.257	225	138666	46.439	ng	100
35) Caprolactam	8.587	113	55387m	48.055	ng	
36) 4-Chloro-3-methylphenol	8.704	107	207785	47.685	ng	99
37) 2-Methylnaphthalene	8.839	142	436861	47.219	ng	100
38) 1-Methylnaphthalene	8.940	142	406632	44.441	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	218888	48.934	ng	99
41) Hexachlorocyclopentadiene	8.987	237	119635	76.612	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	130798	47.754	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	139286	46.266	ng	99
46) 1,1'-Biphenyl	9.304	154	547151	47.280	ng	100
47) 2-Chloronaphthalene	9.334	162	410810	46.403	ng	99
48) 2-Nitroaniline	9.439	65	129999	48.620	ng	96
49) Acenaphthylene	9.745	152	669595	51.466	ng	100
50) Dimethylphthalate	9.604	163	512580	49.957	ng	100
51) 2,6-Dinitrotoluene	9.681	165	107961	46.027	ng	97
52) Acenaphthene	9.916	154	406902	48.961	ng	99
53) 3-Nitroaniline	9.851	138	70003	30.073	ng	98
54) 2,4-Dinitrophenol	9.969	184	96418	83.899	ng	98
55) Dibenzofuran	10.092	168	617122	47.921	ng	99
56) 4-Nitrophenol	10.034	139	126331	99.734	ng	89
57) 2,4-Dinitrotoluene	10.086	165	150626	48.806	ng	98
58) Fluorene	10.434	166	501643	47.217	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	122273	49.843	ng	98
60) Diethylphthalate	10.304	149	528222	49.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	256421	48.048	ng	98
62) 4-Nitroaniline	10.469	138	109152	44.872	ng	94
63) Azobenzene	10.586	77	478016	47.789	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	77066	48.448	ng	97
66) n-Nitrosodiphenylamine	10.545	169	441708	51.179	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	154268	49.123	ng	99
68) Hexachlorobenzene	10.986	284	171401	48.139	ng	99
69) Atrazine	11.075	200	148546	61.626	ng	98
70) Pentachlorophenol	11.186	266	129262	99.297	ng	98
71) Phenanthrene	11.398	178	720647	49.922	ng	99
72) Anthracene	11.451	178	730638	51.395	ng	99
73) Carbazole	11.610	167	670829	48.176	ng	100
74) Di-n-butylphthalate	11.928	149	820883	50.232	ng	99
75) Fluoranthene	12.592	202	793652	47.739	ng	100
77) Benzidine	12.716	184	182015	44.785	ng	99
78) Pyrene	12.822	202	822879	46.470	ng	100
80) Butylbenzylphthalate	13.427	149	325666	49.982	ng	100
81) Benzo(a)anthracene	14.016	228	700740	49.652	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	135088	31.726	ng	98
83) Chrysene	14.051	228	619338	48.259	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	443635	52.805	ng	99
85) Di-n-octyl phthalate	14.598	149	673998	53.027	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	591338	54.732	ng	99
88) Benzo(b)fluoranthene	15.074	252	578802	48.161	ng	99
89) Benzo(k)fluoranthene	15.104	252	540198	52.400	ng	100
90) Benzo(a)pyrene	15.445	252	513351	54.551	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	486982	54.407	ng	99
92) Benzo(g,h,i)perylene	17.457	276	465302	51.077	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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